Set-2

Questions:

1. What is the negative of a vector, and how is it represented?
2. Define parallel vectors with an example.
3. What are coplanar vectors?
4. Write the formula for the displacement vector.
5. State the parallelogram law of vector addition.
6. What is the formula for the magnitude of the resultant vector in the parallelogram law of vector addition?
7. How is the direction of the resultant vector determined in the parallelogram law of vector addition?
8. State the triangle law of vector addition.
9. Under what condition are two vectors considered anti-parallel?
10. Explain how the resultant is represented when two vectors are added according to the triangle law of vector addition.